

Patent Application Declaration and Power of Attorney

I HEREBY DECLARE THAT:

My residence, post office address, and citizenship are as stated next to my name in PART A on page 2 hereof.

I believe I am the original, first, and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**Method for Determining the Relative Abundances  
of Polynucleotide Sequences**

the specification of which:

- ☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Attorney Docket No. \_\_\_\_\_  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed in PART B on page 2 hereof and have also identified in PART B on page 2 hereof any foreign application for patent or inventor's certificate having a filing date before that of the application of which priority is claimed.

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed in PART C on page 2 hereof and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application. If the patent application identified above is a continuation-in-part application, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application and filing date of the continuation-in-part application which discloses and claims subject matter in addition to that disclosed in the prior application (37 CFR §1.63(d)).

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following as my attorney or agent with full power of substitution to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

Peter J. Dehlinger      Reg. No. 28,006  
Carol A. Stratford      Reg. No. 34,444  
Vincent M. Powers      Reg. No. 36,246  
Charles K. Sholtz      Reg. No. 38,615

Judy M. Mohr      Reg. No. 38,563  
Susan T. Evans      Reg. No. 38,443  
LeeAnn Gorthey      Reg. No. 37,337

whose mailing address for this application is: Dehlinger & Associates  
P.O. Box 60850  
Palo Alto, CA 94306

Patent Application Declaration and Power of Attorney

**PART A: Inventor Information and Signature**

Full name of SOLE or FIRST inventor Tidhar Dari Shalon

Citizenship U.S.A.

Post Office Address 364 Fletcher Drive

Atherton, California 94027

Residence (if different) (same)

INVENTOR'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

Full name of SECOND joint inventor, if any Patrick O. Brown

Citizenship U.S.A.

Post Office Address 76 Peter Coutts Circle

Stanford, California 94305

Residence (if different) (same)

SECOND INVENTOR'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

\* \* \* \* \*

**PART B: Prior Foreign Application(s)**

Serial No.	Country	Day/Month/Year Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

**PART C: Claim for Benefit of Filing Date of Earlier U.S. Application(s)**

Serial No.	Filing Date	Status:
08/514,875	08/14/95	<input type="checkbox"/> Patented <input checked="" type="checkbox"/> Pending <input type="checkbox"/> Abandoned
08/477,809	06/07/95	<input type="checkbox"/> Patented <input checked="" type="checkbox"/> Pending <input type="checkbox"/> Abandoned
08/261,388	06/17/94	<input type="checkbox"/> Patented <input checked="" type="checkbox"/> Pending <input type="checkbox"/> Abandoned

# DECLARATION

PATENT

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe the below named inventors are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled "Method for Determining the Relative Abundances of Polynucleotide Sequences" the specification of which:

     is attached hereto.  
  X   was filed on July 30, 1996 as Application Serial No 08/688,488.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

## PRIOR FOREIGN APPLICATION(S)

(Number)	(Country)	(Date Filed)	Priority Claimed	Yes/No
(Number)	(Country)	(Date Filed)		Yes/No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56, which become available between the filing date of the prior application and the national or PCT international filing date of this application:

08/261,388 (Application Serial No.)	June 17, 1994 (Filing Date)	Abandoned (Status)
08/477,809 (Application Serial No.)	June 7, 1995 (Filing Date)	Pending (Status)
08/514,875 (Application Serial No.)	August 14, 1995 (Filing Date)	Pending (Status)

I hereby direct that all correspondence and telephone calls be addressed to Emily A. Evans, Reg. No. 33,493, Arnold, White & Durkee, P.O. Box 4433, Houston, Texas 77210, (415) 614-4500.

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Full Name: Tidhar Dari Shalon

Inventor's Signature: *Tidhar Dari Shalon*

Date: 16 Sept 96

Country of Citizenship: USA

Residence Address:

2140 A CAMINO A LOS CERROS

(Include number, street name, city and country)

Post Office Address:

(if different from  
residence address)

MENLO PARK CA 94025

Inventor's Full Name:

Patrick O. Brown

Inventor's Signature:

*Patrick O. Brown*

Date:

Sept 26, 1996

Country of Citizenship:

USA

Residence Address:

76 Peter Court's Circle, Stanford CA 94305

(Include number, street name, city, state and country)

Post Office Address:

(if different from  
residence address)

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE IN AN ENVELOPE WITH SUFFICIENT POSTAGE AS FIRST CLASS MAIL ADDRESSED TO THE COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C., 20231, ON:

Date: October 10, 1996

By:

Emily A. Evans

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **T. D. Shalon and P.O. Brown**

Serial No.: **08/688,488**

Filed: **July 30, 1996**

For: **Method for Determining the Relative  
Abundances of Polynucleotide Sequences**

§  
§  
§  
§  
§  
§  
§

Group Art Unit: **Unknown**

Examiner: **Unknown**

Attorney Docket No.: **STFD 009**

ELECTION UNDER 37 C.F.R. §§ 3.71 and 3.73  
AND POWER OF ATTORNEY

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

The undersigned, being Assignee of the entire interest in the above-identified application by virtue of an Assignment enclosed herewith, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

The Assignee hereby revokes any previous Powers of Attorney and appoints:

Emily A. Evans, Reg. No. 33,493;  
Gerald P. Dodson, Reg. No. 32,787; and,  
J. Paul Williamson, Reg. No. 29,600,

each an attorney with the law firm of ARNOLD, WHITE & DURKEE, as its attorney so long as they remain with such law firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, to receive any Letters Patent, and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Pursuant to 37 C.F.R. § 3.73, the undersigned has reviewed the evidentiary documents, specifically the Assignment to **The Board of Trustees of the Leland Stanford Junior University** referenced below, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

09356322-071699

Please direct all communications as follows:

Emily A. Evans, Esq.  
ARNOLD, WHITE & DURKEE  
P. O. Box 4433  
Houston, Texas 77210-4433  
(415) 614-4500

ASSIGNEE: The Board of Trustees of the  
Leland Stanford Junior University

Date: Oct. 9, 1996

By: Luis R. Mejia  
Name: ~~Katharine Ku~~ Luis Mejia  
Title: <sup>Acting</sup> Director, Office of Technology Licensing

ASSIGNMENT:

☒ Enclosed for recording  
☐ Previously recorded

Date: \_\_\_\_\_

Reel: \_\_\_\_\_

Frame: \_\_\_\_\_

09356322-071699



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JANUARY 06, 1997

PTAS

ARNOLD, WHITE & DURKEE  
EMILY A. EVANS, ESQ.  
P.O. BOX 4433  
HOUSTON, TX 77210



\*100291576A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

10515 U.S. PTO  
09/356322  
07/16/99

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/16/1996

REEL/FRAME: 8208/0821  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
SHALON, TIDHAR DARI

DOC DATE: 09/16/1996

ASSIGNOR:  
BROWN, PATRICK O.

DOC DATE: 10/03/1996

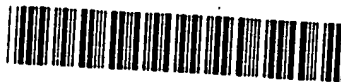
ASSIGNEE:  
LELAND STANFORD JUNIOR UNIVERSITY, BOARD OF TRUSTEES OF, THE  
STANFORD, CALIFORNIA 94305

SERIAL NUMBER: 08688488  
PATENT NUMBER:

FILING DATE: 07/30/1996  
ISSUE DATE:

MAYA BENNETT, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

10-22-1996



100291576

1996

U.S. Department of Commerce

Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

To the Honorable Commissioner of Patents and Trademarks: Please record this document or copy thereof.

1. Name of conveying party(ies): **Tidhar Dari Shalon  
Patrick O. Brown**

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: **September 16, 1996 (T.D. Shalon)  
October 3, 1996 (P.O. Brown)**

2. Name and address of receiving party(ies):

Name: **The Board of Trustees of the Leland  
Stanford Junior University**

Internal Address:

Street Address:

City: **Stanford** State: **CA** Zip: **94305**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

10515 U.S. PTO  
09/356322



4. Application number(s) or registration number(s): **08/688,488**

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Emily A. Evans, Esq.  
Arnold, White & Durkee  
P.O. Box 4433**

City: **Houston** State: **Texas** Zip: **77210**

6. Total number of applications and patents involved: **1**

7. Total fee (37 C.F.R. 3.41): **\$40.00**

☒ Enclosed

☒ Authorized to be charged to deposit account if check insufficient or inadvertently omitted

8. Deposit account number:

**01-2508/STFD 009/EVE**

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

**Emily A. Evans**

Name of Person Signing

Signature

**October 10, 1996**

Date

Reg. No. **33,493**

Total number of pages including cover sheet, attachments and documents: **3**

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

160 DM 10/21/96 08688488

1 581

40.00 CK

CERTIFICATE OF MAILING  
37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, on the date below:

**October 10, 1996**  
Date

**Emily A. Evans**



A S S I G N M E N T

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to **The Board of Trustees of the Leland Stanford Junior University** (the "Assignee"), a corporation of California, having a place of business at Stanford, California 94305, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent Serial No. 08/688,488, which has been filed on July 30, 1996 and is entitled "Method for Determining the Relative Abundances of Polynucleotide Sequences," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

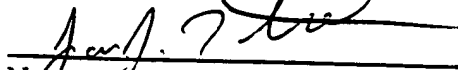
COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

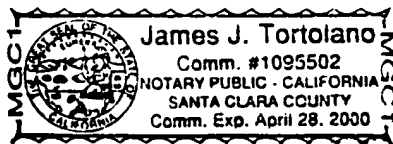
Signature:  Date: 16 Sept 96  
Name: Tidhar Dari Shalon

STATE OF CALIFORNIA §  
§ ss.  
COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this 16 day of Sept, 1996, personally appeared Tidhar Dari Shalon, known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

  
\_\_\_\_\_  
Notary or Consular Officer

[SEAL]



Signature:   
Name: Patrick O. Brown

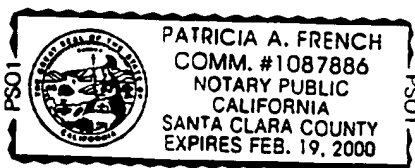
Date: Oct 3, 1996

STATE OF CALIFORNIA §  
§ ss.  
COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this 3rd day of Oct., 1996, personally appeared Patrick O. Brown, known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

  
\_\_\_\_\_  
Notary or Consular Officer

[SEAL]



*This is attached to  
an Assignment of  
good and valuable  
consideration - Patent*